

WHAT IS CLAIMED IS:

1. A method of identifying devices using an Internet Protocol version 6 (IPv6) address, the method comprising identifying the devices using device ID information for identifying types of devices recorded in an area, excluding a company ID area and a serial number area of an interface ID area, using an extended unique identifier (EUI-64) ID format.

2. The method of claim 1, further comprising identifying the devices using unique numbers assigned to the devices recorded in the serial number area as well as the device ID information.

3. The method of claim 1, wherein said device ID information is located between the company ID area and the serial number area.

4. A computer readable recording medium on which a data structure formed according to an Internet Protocol version 6 (IPv6) address for identifying devices is recorded, wherein the data structure includes a network ID area for identifying networks to which the devices are connected and an interface ID area for identifying addresses of the devices on the networks, where the interface ID area includes a company ID area for identifying manufacturers of the devices, a serial number area for identifying unique numbers assigned to the devices, and a device ID area for identifying types of

devices, said device ID area being placed between the company ID area and the serial number area.

5. The computer readable recording medium of claim 4, wherein the device ID area is placed in the upper 4th byte and 5th byte of the interface ID area.